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August 6, 1998; USSN 09/184,388, filed on November 2, 1998; and USSN 09/216,787, filed on December 21, 1998 (now U.S. Patent No. 6,331,286 issued December 18, 2001), which are herein incorporated by reference in their entirety.

Please substitute the following for Table 1:

Table 1. Chemical, Physical and Photochemical Properties of Some Example Halogenated

Xanthenes:

Compound	Substitution					MW (g)	λ_{max} (nm)			α ($\text{cm}^{-1}\cdot\text{mol}^{-1}\cdot\text{L}$)	ϕ (triplet)	ϕ (singlet oxygen)		
	X	Y	Z	R ¹	R ²		H ₂ O	EtOH	MeO H			MeOH	H ₂ O	EtOH
4',5'-Dichlorofluorescein	Cl	H	H	Na	Na	445	502	511				0.04	0.07	
2',7'-Dichlorofluorescein	H	Cl	H	Na	Na	445	502	511				0.04	0.07	
4,5,6,7-Tetrachlorofluorescein	H	H	Cl	H	H	470	515			2.9x10 ⁴				
2',4',5',7'-Tetrachlorofluorescein	Cl	Cl	H	Na	Na	514	510	520				0.05	0.05	
Dibromofluorescein	Br	H	H	Na	Na	534	504	510		1.4x10 ⁴		0.32	0.42	
Solvent Red 72	H	Br	H	H	H	490			450	1.4x10 ⁴				
Diiodofluorescein	I	H	H	Na	Na	628	506	513		5.8x10 ⁴		0.33	0.48	
Eosin B	NO ₂	Br	H	Na	Na	624	522			3.9x10 ⁴				
Eosin Y	Br	Br	H	Na	Na	692	517	523	527	9.1x10 ⁴	0.28	0.32	0.57	0.39
Ethyl Eosin	Br	Br	H	C ₂ H ₅	K	714		532		1.1x10 ⁴				
Erythrosin B	I	I	H	Na	Na	880	528	532	529	9.1x10 ⁴	0.62	0.69	0.63	0.62
Phloxine B	Br	Br	Cl	Na	Na	830	541	548	547	1.0x10 ⁵		0.40	0.63	
Rose Bengal	I	I	Cl	Na	Na	1018	547	557	556	1.0x10 ⁵	0.76	0.86	0.75	0.76
Rose Bengal Dilithium	I	I	Cl	Li	Li	986		559						
Rose Bengal Amide	I	I	Cl	C ₂ H ₅	(C ₂ H ₄) ₃ N H	1100		563						0.74
Rose Bengal Diamide	I	I	Cl	(C ₂ H ₅) ₃ N H	(C ₂ H ₄) ₃ N H	1166		559						0.72
4,5,6,7-Tetrabromoerythrosin	I	I	Br	Na	Na	1195								